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US App. No. 10/656,008

In the Claims:

1. (original) A single-core bidirectional optical transceiver module, which mainly includes: optical transceiver sleeve, laser diode package, photoelectric sensor, filter glass and combined-seat; it features the following: the combined-seat is rectangular, whose surface is made of stainless steel, the part included within it is made of plastic material by way of integration; it connects with the optical transceiver sleeve at the right side, connects with the laser diode package at the left side, connects again with the photoelectric sensor at its top; such three components are combined in the combined-seat and form an optical transceiver module; while the optical transceiver sleeve serves for the insertion combination of the optical fiber to form the optical coupling connection, so as to provide the product of this creation with the advantages of easy workability and low cost.

2. (original) A single-core bidirectional optical transceiver module to claim 1, wherein the combined-seat is a rectangular solid, another side is equipped with a rectangular hole.

3. (original) A single-core bidirectional optical transceiver module to claim 1, wherein the central part of the combined-seat is equipped with two filter-mirrors.

4. (original) A single-core bidirectional optical transceiver module to claim 1, wherein the housing washer of the optical transceiver sleeve is made of stainless steel.

5. (original) A single-core bidirectional optical transceiver module to claim 1, wherein the

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housing washer of the optical transceiver sleeve is equipped thereon with a small flange and flange.

6. (currently amended) A single-core bidirectional optical transceiver module to claim 1 or 3, wherein the inner ring of the optical transceiver sleeve is ceramic ferrule.

7. (original) A single-core bidirectional transceiver module claim 1, wherein the inner ring of the optical transceiver sleeve is equipped therein with a ceramic column embolus.

8. (original) A single-core bidirectional optical transceiver module to claim 1, wherein the graphical head of the laser diode package is placed in the left side of the combined-seat.

9. (currently amended) A single-core bidirectional optical transceiver module to claim 1, wherein the rectangular head of the photoelectric sensor is placed on the top of the combined-seat.

10. (new) A single-core bidirectional optical transceiver module to claim 3, wherein the inner ring of the optical transceiver sleeve is ceramic ferrule.